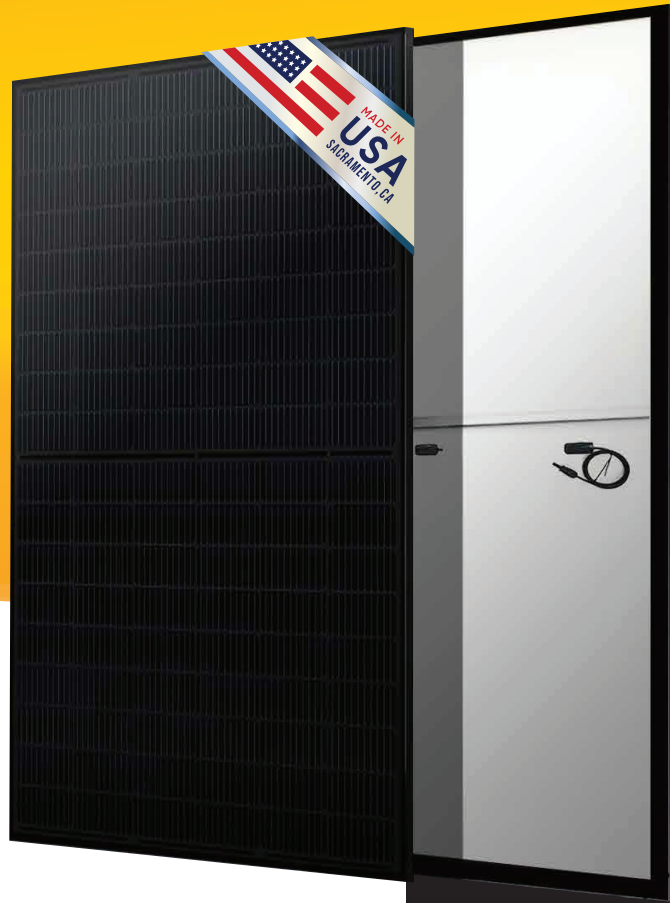


S4A410-108MH10

410W

108 Half-cut
10BB Mono Perc
All-Black



390W-410W



America's Quality,
Performance, Reliability.

Our products are manufactured locally in the US,
top-quality and cost-competitive.



10BB Half-Cut Cell Technology

Efficient circuit design, lower internal current, lower RS loss, GA doped wafer



Significantly Lower the Risk of Hot Spot

Special circuit design with much lower hot spot temperature



Lower LCOE

2% more power generation

MODULE EFFICIENCY

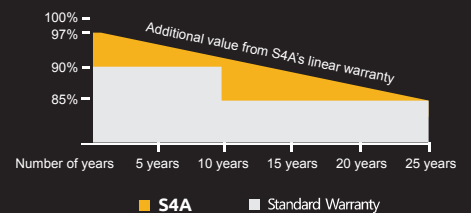
21%

HIGH POWER OUTPUT

410W



UL61730
(Nov)



*Subject to warranty terms and conditions

SolarJuice Technology Inc. is headquartered and has module production facilities in Sacramento, California. Our S4A branded product line offers high quality, exceptional performance, and great value to our customers. Our state-of-the-art manufacturing facility uses industry-leading automated production equipment to optimize product performance and quality.

S4A410-108MH10

108 Half-cut | 10BB Mono Perc | All-Black

ELECTRICAL PARAMETERS

	S4A390	S4A395	S4A400	S4A405	S4A410
Maximum Power (Pmax/W)	390	395	400	405	410
Operating Voltage (Vmpp/V)	30.65	30.85	31.05	31.24	31.43
Operating Current (Impp/A)	12.73	12.81	12.89	12.97	13.05
Open-Circuit Voltage (Voc/V)	36.50	36.75	37.00	37.25	37.50
Short-Circuit Current (Isc/A)	13.61	13.69	13.78	13.86	13.94
Module Efficiency η_m (%)	20.0	20.2	20.5	20.7	21.0

Performance at NMOT

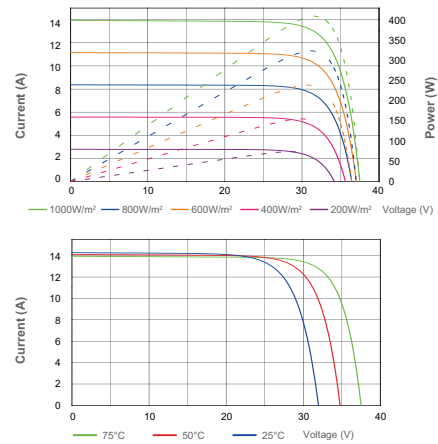
Maximum Power (Pmax/W)	291	294	298	302	306
Operating Voltage (Vmpp/V)	28.6	28.8	29.0	29.2	29.3
Operating Current (Impp/A)	10.18	10.23	10.30	10.36	10.42
Open-Circuit Voltage (Voc/V)	34.4	34.6	34.8	35.1	35.3
Short-Circuit Current (Isc/A)	10.97	11.04	11.11	11.17	11.24

STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25°C, Power output tolerance: 0~+5W, Test tolerance for Pmax: $\pm 3\%$
 NMOT: Irradiance 800W/m², Spectra at AM1.5, Ambient Temperature 20°C, Wind speed 1m/s

MECHANICAL SPECIFICATIONS

Cell Type	Monocrystalline
Cell Dimensions	182*91mm
Cell Arrangement	108 (6*18)
Weight	21.5kg (47.4lbs.)
Module Dimensions	1722*1134*30mm (67.80*44.65*1.18inches)
Cable Length	1200mm (47.24inches)
Cable Cross Section Size	TUV: 4mm ² (0.006inches ²)/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
Backsheet	Black
No. of Bypass Diodes	3
Frame	Silver/Black Anodized Aluminum Alloy
Junction Box	IP68
Connector	MC4 and MC4 Compatible

I-V CURVE



OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V/DC(IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	25A
Mechanical Load (Front side)	5400Pa
Mechanical Load (Back side)	2400Pa
Conductivity at Ground	$\leq 0.1\Omega$
Safety Class	II
Resistance	$\geq 100M\Omega$

TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.35%/°C
Temperature Coefficient Voc	-0.26%/°C
Temperature Coefficient Isc	+0.048%/°C
NMOT	43 \pm 2°C

PACKING CONFIGURATION

Pieces Per Pallet	36
Pieces Per Truck (53')	1008

TECHNICAL DRAWINGS

